



LIMITED POWER OF ATTORNEY

that we, the undersigned, under the authority granted to each of us to sign jointly on behalf of

Nokia Inc.  
6021 Connection Drive  
Irving, TX 75039-2600  
U.S.A.

hereby authorize the following person,

Anand Gupta  
Nokia Inc.  
6021 Connection Drive  
Mail Drop 2-5-520  
Irving, Texas 75039  
USA


in his capacity as IPR Manager, Patent Filing and Prosecution, to sign alone in the name of Nokia Inc. all the documents that relate to the filing, prosecution and registration of patent applications. Such documents may include without limitation Powers of Attorney, Assignment Deeds for assigning the ownership of an invention to Nokia Inc., Novelty Declarations and Inventorship Declarations.

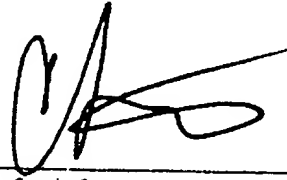
The authority granted by this Power of Attorney shall expire six (6) months from the effective date.

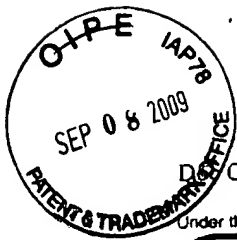
Notwithstanding the foregoing, the authority granted by this Power of Attorney shall expire when the authorized person's employment with Nokia ends.

This Power of Attorney is duly signed on this 13th day of July, 2009 to be effective as of June 30, 2009.

NOKIA INC.

By:   
Name: Genevieve Silveroil  
Title: Vice President

By:   
Name: Cassie Stern  
Title: Vice President



Docket Code:

PTO/SB/82 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	Attached
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

**I hereby revoke all previous powers of attorney given in the above-identified application:**☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number: 29,683☐ Please change the correspondence address for the above-identified application to:☒ The address associated with  
Customer Number: 29,683**OR**

<input type="checkbox"/> Firm or Individual Name				
Address				
City		State		ZIP
Country				
Telephone		Email		

**I am the:**☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71  
Statement under 37CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

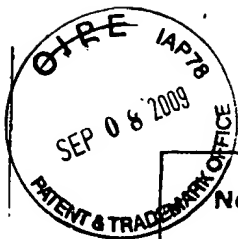
Signature	<i>Anand Gupta</i>		
Name	<i>Anand Gupta</i>		
Date	<i>September 2, 2009</i>	Telephone	<i>972-894-5931</i>

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Nokia Ref.	Filing Date	Application No.	USPTO Assignment Reel	USPTO Assignment Frame
16672-US-NP	19-Aug-1999	09/378201	015591	0851
			010294	0656
			014318	0676
			012547	0935
			015045	0947
16672-US-CIP	12-May-2000	09/569,540	015452	0577
			011331	0609
			011328	0448
			014322	0449
			015043	0655
28793-US-NP	24-Jun-2003	10/606346	017900	0731
			017900	0854
45009-US-NP	29-Dec-2003	10/748845	015399	0373
45193-US-NP	4-Jun-2004	10/861226	015413	0008
45102-US-NP	15-Jun-2004	10/868390	015089	0397
16672-US-CNT	27-Sep-2006	11/527596	015452	0577
			011328	0448
			011331	0609
			014322	0449
			015043	0655



**Statement Under 37 C.F.R. 3.73(b)**

Owner: **Nokia Inc.**

Application No.: **See Attached**

Nokia Inc., a corporation  
(Name of Assignee) (Type of Assignee)

states that it is:

the assignee of the entire right, title and interest in:

the patent applications **identified on the attached list** by virtue of assignment(s) from the inventor(s) of the patent application(s).

The assignments were recorded in the United States Patent and Trademark Office on the Reel and Frame numbers listed on the attached list.

The undersigned is authorized to act on behalf of the assignee.

Anand Gupta  
Title: **Anand Gupta**  
**Senior IPR Manager**

September 2, 2009  
Date



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